

1627



1600

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/746,742A

DATE: 07/19/2002 P.6
TIME: 14:45:16Input Set : A:\0399.1192-008 seq listing.txt
Output Set: N:\CRF3\07192002\I746742A.raw

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TECH CENTER 1600/2900

4 <110> APPLICANT: Eckert, Deborah M.
 5 Chan, David C.
 6 Malashkevich, Vladimir
 7 Carr, Peter A.
 8 Kim, Peter S.
 10 <120> TITLE OF INVENTION: Inhibitors of HIV Membrane Fusion
 13 <130> FILE REFERENCE: 0399.1192-008
 15 <140> CURRENT APPLICATION NUMBER: US 09/746,742A
 16 <141> CURRENT FILING DATE: 2000-12-21
 18 <150> PRIOR APPLICATION NUMBER: PCT/US99/17351
 19 <151> PRIOR FILING DATE: 1999-07-30
 21 <150> PRIOR APPLICATION NUMBER: US 60/094,676
 22 <151> PRIOR FILING DATE: 1998-07-30
 24 <150> PRIOR APPLICATION NUMBER: US 60/100,265
 25 <151> PRIOR FILING DATE: 1998-09-14
 27 <150> PRIOR APPLICATION NUMBER: US 60/101,058
 28 <151> PRIOR FILING DATE: 1998-09-18
 30 <150> PRIOR APPLICATION NUMBER: US 60/132,295
 31 <151> PRIOR FILING DATE: 1999-05-03
 33 <160> NUMBER OF SEQ ID NOS: 71
 35 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 37 <210> SEQ ID NO: 1
 38 <211> LENGTH: 33
 39 <212> TYPE: PRT
 40 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: GCN4-PIQI
 W--> 46 <221> NAME/KEY: ACETYLTATION
 47 <222> LOCATION: 1
 W--> 49 <400> 1
 50 Arg Met Lys Gln Ile Glu Asp Lys Ile Glu Glu Ile Leu Ser Lys Gln
 51 1 5 10 15
 52 Tyr His Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys Leu Ile Gly Glu
 53 20 25 30
 54 Arg
 58 <210> SEQ ID NO: 2
 59 <211> LENGTH: 45
 60 <212> TYPE: PRT
 61 <213> ORGANISM: Artificial Sequence
 63 <220> FEATURE:
 64 <223> OTHER INFORMATION: IQN17
 W--> 66 <221> NAME/KEY: ACETYLTATION
 67 <222> LOCATION: 1

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W--> 69 <221> AMIDATION

70 <222> LOCATION: 45

W--> 72 <400> 2

73 Arg Met Lys Gln Ile Glu Asp Lys Ile Glu Glu Ile Glu Ser Lys Gln

74 1 5 10 15

75 Lys Lys Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys Leu Leu Gln Leu

76 20 25 30

77 Thr Val Trp Gly Ile Lys Gln Leu Gln Ala Arg Ile Leu

78 35 40 45

81 <210> SEQ ID NO: 3

82 <211> LENGTH: 12

83 <212> TYPE: PRT

84 <213> ORGANISM: Artificial Sequence

86 <220> FEATURE:

87 <223> OTHER INFORMATION: D-peptide

90 <400> SEQUENCE: 3

91 Cys Asp Leu Lys Ala Lys Glu Trp Phe Trp Leu Cys

92 1 5 10

95 <210> SEQ ID NO: 4

96 <211> LENGTH: 12

97 <212> TYPE: PRT

98 <213> ORGANISM: Artificial Sequence

100 <220> FEATURE:

101 <223> OTHER INFORMATION: D-peptide

104 <400> SEQUENCE: 4

105 Cys Glu Ala Arg His Arg Glu Trp Ala Trp Leu Cys

106 1 5 10

109 <210> SEQ ID NO: 5

110 <211> LENGTH: 12

111 <212> TYPE: PRT

112 <213> ORGANISM: Artificial Sequence

114 <220> FEATURE:

115 <223> OTHER INFORMATION: D-peptide

118 <400> SEQUENCE: 5

119 Cys Glu Leu Leu Gly Trp Glu Trp Ala Trp Leu Cys

120 1 5 10

123 <210> SEQ ID NO: 6

124 <211> LENGTH: 12

125 <212> TYPE: PRT

126 <213> ORGANISM: Artificial Sequence

128 <220> FEATURE:

129 <223> OTHER INFORMATION: D-peptide

132 <400> SEQUENCE: 6

133 Cys Leu Leu Arg Ala Pro Glu Trp Gly Trp Leu Cys

134 1 5 10

137 <210> SEQ ID NO: 7

138 <211> LENGTH: 12

139 <212> TYPE: PRT

140 <213> ORGANISM: Artificial Sequence

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```
142 <220> FEATURE:
143 <223> OTHER INFORMATION: D-peptide
146 <400> SEQUENCE: 7
147 Cys Ser Arg Ser Gln Pro Glu Trp Glu Trp Leu Cys
148 1 5 10
151 <210> SEQ ID NO: 8
152 <211> LENGTH: 12
153 <212> TYPE: PRT
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: D-peptide
160 <400> SEQUENCE: 8
161 Cys Gly Leu Gly Gln Glu Glu Trp Phe Trp Leu Cys
162 1 5 10
165 <210> SEQ ID NO: 9
166 <211> LENGTH: 12
167 <212> TYPE: PRT
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: D-peptide
174 <400> SEQUENCE: 9
175 Cys Met Arg Gly Glu Trp Glu Trp Ser Trp Leu Cys
176 1 5 10
179 <210> SEQ ID NO: 10
180 <211> LENGTH: 12
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: D-peptide
188 <400> SEQUENCE: 10
189 Cys Pro Pro Leu Asn Lys Glu Trp Ala Trp Leu Cys
190 1 5 10
193 <210> SEQ ID NO: 11
194 <211> LENGTH: 12
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: D-peptide
202 <400> SEQUENCE: 11
203 Cys Val Leu Lys Ala Lys Glu Trp Phe Trp Leu Cys
204 1 5 10
207 <210> SEQ ID NO: 12
208 <211> LENGTH: 11
209 <212> TYPE: PRT
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: D-peptide
W--> 216 <221> NAME/KEY: VARIANT
217 <222> LOCATION: 2, 3, 4, 5, 6, 9
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Input Set : A:\0399.1192-008 seq listing.txt

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218 <223> OTHER INFORMATION: Xaa = Any Amino Acid
W--> 220 <400> 12
W--> 221 Cys Xaa Xaa Xaa Xaa Xaa Glu Trp Xaa Trp Leu
222 1 5 10
225 <210> SEQ ID NO: 13
226 <211> LENGTH: 35
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: N36
234 <400> SEQUENCE: 13
235 Ser Gly Ile Val Gln Gln Gln Asn Asn Leu Leu Arg Ala Ile Glu Gln
236 1 5 10 15
237 Gln His Leu Leu Gln Leu Thr Val Trp Gly Ile Lys Gln Leu Gln Ala
238 20 25 30
239 Arg Ile Leu
240 35
243 <210> SEQ ID NO: 14
244 <211> LENGTH: 34
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: C34
252 <400> SEQUENCE: 14
253 Trp Met Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu Ile His
254 1 5 10 15
255 Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu
256 20 25 30
257 Leu Leu
261 <210> SEQ ID NO: 15
262 <211> LENGTH: 16
263 <212> TYPE: PRT
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: D-peptide
270 <400> SEQUENCE: 15
271 Lys Lys Gly Ala Cys Gly Leu Gly Gln Glu Glu Trp Phe Trp Leu Cys
272 1 5 10 15
275 <210> SEQ ID NO: 16
276 <211> LENGTH: 16
277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: D-peptide
284 <400> SEQUENCE: 16
285 Lys Lys Gly Ala Cys Glu Leu Leu Gly Trp Glu Trp Ala Trp Leu Cys
286 1 5 10 15
289 <210> SEQ ID NO: 17
290 <211> LENGTH: 18

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291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: D-peptide
298 <400> SEQUENCE: 17
299 Lys Lys Lys Lys Gly Ala Cys Glu Leu Leu Gly Trp Glu Trp Ala Trp
300 1 5 10 15
301 Leu Cys
305 <210> SEQ ID NO: 18
306 <211> LENGTH: 16
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: D-peptide
314 <400> SEQUENCE: 18
315 Lys Lys Gly Ala Cys Met Arg Gly Glu Trp Glu Trp Ser Trp Leu Cys
316 1 5 10 15
319 <210> SEQ ID NO: 19
320 <211> LENGTH: 18
321 <212> TYPE: PRT
322 <213> ORGANISM: Artificial Sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: D-peptide
328 <400> SEQUENCE: 19
329 Lys Lys Gly Ala Cys Pro Pro Leu Asn Lys Glu Trp Ala Trp Leu Cys
330 1 5 10 15
331 Ala Ala
335 <210> SEQ ID NO: 20
336 <211> LENGTH: 17
337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: portion of N-peptide region of HIV gp41
344 <400> SEQUENCE: 20
345 Leu Leu Gln Leu Thr Val Trp Gly Ile Lys Gln Leu Gln Ala Arg Ile
346 1 5 10 15
347 Leu
351 <210> SEQ ID NO: 21
352 <211> LENGTH: 24
353 <212> TYPE: PRT
354 <213> ORGANISM: Artificial Sequence
356 <220> FEATURE:
357 <223> OTHER INFORMATION: 24 Residues from the N- Terminal of N26
360 <400> SEQUENCE: 21
361 Ser Gly Ile Val Gln Gln Gln Asn Asn Leu Leu Arg Ala Ile Glu Ala
362 1 5 10 15
363 Gln Gln His Leu Leu Gln Leu Thr
364 20
367 <210> SEQ ID NO: 22

Input Set : A:\0399.1192-008 seq listing.txt
Output Set: N:\CRF3\07192002\I746742A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; Xaa Pos. 2,3,4,5,6,9
Seq#:23; Xaa Pos. 2
Seq#:24; Xaa Pos. 3
Seq#:28; Xaa Pos. 1,2,4,5,6,7,8,11,15,16
Seq#:29; Xaa Pos. 3,4,6,7,8,9,10,13,17,18
Seq#:30; Xaa Pos. 5,6,8,9,10,11,12,15,19,20
Seq#:31; Xaa Pos. 1,2,4,5,6,7,8,11,15,16,17
Seq#:32; Xaa Pos. 3,4,6,7,8,9,10,13,17,18,19
Seq#:33; Xaa Pos. 5,6,8,9,10,11,12,15,19,20,21
Seq#:42; Xaa Pos. 3,9,11,14,16,17
Seq#:54; Xaa Pos. 4,5,6,7,8,11
Seq#:55; Xaa Pos. 6,7,8,9,10,13
Seq#:56; Xaa Pos. 8,9,10,11,12,15
Seq#:57; Xaa Pos. 1,2,4,5,6,7,8,11,15,16
Seq#:58; Xaa Pos. 3,4,6,7,8,9,10,13,17,18
Seq#:59; Xaa Pos. 5,6,8,9,10,11,12,15,19,20
Seq#:60; Xaa Pos. 1,2,4,5,6,7,8,11,15,16,17
Seq#:61; Xaa Pos. 3,4,6,7,8,9,10,13,17,18,19
Seq#:62; Xaa Pos. 5,6,8,9,10,11,12,15,19,20,21
Seq#:63; Xaa Pos. 2,3,4,5,6,9
Seq#:69; Xaa Pos. 2,3,4,5,6,9

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Input Set : A:\0399.1192-008 seq listing.txt

Output Set: N:\CRF3\07192002\I746742A.raw

L:46 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:49 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1
L:66 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:69 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2
L:72 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:2
L:216 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:220 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:12
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:396 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:400 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:23
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:414 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:418 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:24
L:419 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:479 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:483 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:28
L:486 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:28
L:489 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:28
L:490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:503 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:507 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:29
L:510 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:29
L:513 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:29
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:16
L:529 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:533 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:30
L:536 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:30
L:539 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:30
L:540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:16
L:555 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:559 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:31
L:562 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:31
L:565 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:31
L:566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:16
L:581 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:585 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:32
L:588 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:32
L:591 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:32
L:592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:16
L:607 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:611 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:33
L:614 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:33
L:617 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:33
L:618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0

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L:620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:16
L:633 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:636 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:34
L:639 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:34
L:653 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:656 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35
L:659 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:35
L:673 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:676 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:36
L:679 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:36
L:693 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:696 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:37
L:699 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:37
L:713 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:716 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:38
L:719 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:38
L:735 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:738 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:39
L:741 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:39
L:757 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:760 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:40
L:763 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:40
L:779 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:782 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:41
L:785 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:41
L:801 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:805 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:42
L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:16
L:821 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:824 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:43
L:827 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:43
L:843 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:846 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:44
L:849 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:44
L:863 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:866 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:45
L:869 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:45
L:885 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:888 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:46
L:891 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:46
L:907 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:910 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:47
L:927 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:949 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:971 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:991 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1013 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1033 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

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L:1055 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1066 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0
L:1079 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:1105 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:1131 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0
L:1155 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:1168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:16
L:1181 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
L:1194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:16
L:1207 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0
L:1220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:16
L:1233 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0
L:1246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:16
L:1259 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0
L:1272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:16
L:1286 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0
L:1304 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1326 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1364 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1386 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1407 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0
L:1427 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:1443 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!